GV-BX5300   5MP H.264 WDR D/N Box IP Camera

GV-BX5300-8F

GV-BX5300-6V

- 5 megapixel progressive scan CMOS
- Stream 1 from H.264 and MJPEG;
  Stream 2 from H.264, MPEG4 and MJPEG
- Up to 10 fps at 2560 x 1920
- Built-in / external microphone
- 2-way audio
- One sensor input and alarm output
- TV-out support
- Built-in micro SD card slot (SD/SDHC) for local storage
- Mini USB slot for WiFi Adapter or USB hard drive
- Wide Dynamic Range (WDR)
- Defog
- Motion detection
- Tampering alarm
- Privacy mask
- IP address filtering
- DC 12V / PoE
- Removable IR-cut filter for Day/Night function
- Varifocal megapixel lens
- Supports iPhone, iPad, Android & 3GPP
- 31 languages on Web interface
- ONVIF (Profile S) conformant

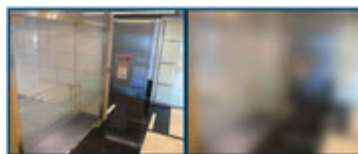* No Memory card slot & local storage function for Argentina.

Models

Models	Iris	Focal Length (mm)	Maximum Aperture	Image Format
GV-BX5300-6V	Manual	4.5 ~ 10 mm	F/1.6	1/2"
GV-BX5300-8F	Fixed	2.8 mm	F/1.8	1/2.5''

Active Tampering Alarm

Tampered	Focus Change	Camera Shift
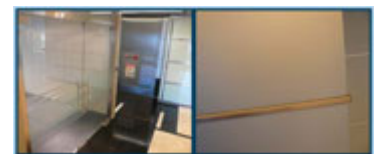
Dimensions
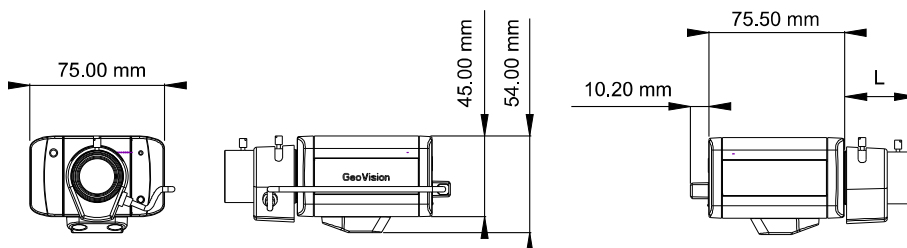
Model	L Length
BX3400-6V	40.2 mm (1.58")
BX3400-8F	15.7 mm (0.62")

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Specifications

Camera		GV-BX5300-6V	GV-BX5300-8F
Image Sensor		1/2.5" progressive scan CMOS	
Picture Elements		2560 (H) x 1920 (V)	
Minimum Illumination	Color	0.15 Lux	
	B/W	0.10 Lux	
	IR ON	0 Lux	
Shutter Speed		Automatic, Manual (1/5 ~ 1/8000 sec)	
White Balance		Automatic, Manual (2800 ~ 8500K)	
Gain Control		Automatic	
S/N Ratio		45 dB	
BLC		Yes	

Lens			
Megapixel		Yes	
Day/Night		Yes (with removable IR-cut filter)	
Lens Type		Varifocal	Fixed
Focal Length		4.5 ~ 10 mm	2.8 mm
Maximum Aperture		F/1.6	F/1.8
Mount		CS Mount	
Image Format		1/2"	1/2.5''
Horizontal FOV		70° ~ 34°	112°
Operation	Focus	Manual (w/lock)	
	Zoom	Manual (w/lock)	Fixed
	Iris	Manual (w/lock)	Fixed
Torque (Focus/Zoom screws)		0.049 N.m	

Operation			
Video Compression		H.264, MPEG4 and MJPEG	
Video Streaming		Stream 1 from H.264 or MJPEG;Stream 2 from H.264, MPEG4 or MJPEG	
Frame Rate		30 fps at 1280 x 1024 * The frame rate and performance may vary depending on the number of connections and data bitrates (different scenes).	
Image Setting		Brightness, Contrast, Saturation, Sharpness, Gamma, White Balance, Flicker-less, Image Orientation, Shutter Speed, D/N Sensitivity, Backlight Compensation, WDR, Defog	
Audio Compression		G.711, AAC (optional)	
Audio Support		Two-Way Audio	
Sensor Input		1 input (Dry Contact)	
Alarm Output		1 Digital Output (200mA 5V DC)	

Video Resolution			
Main Stream	4:3	2560 x 1920, 2048 x 1536, 1600 x 1200, 1280 x 960, 640 x 480, 320 x 240	
	16:9	1920 x 1080, 1280 x 720, 640 x 360, 448 x 252	
	5:4	1280 x 1024, 640 x 512, 320 x 256	
Sub Stream	4:3	640 x 480, 320 x 240	
	16:9	640 x 360, 448 x 252	
	5:4	640 x 512, 320 x 256	

Network			
Interface		10/100 Ethernet	
Protocol		HTTP, HTTPS, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, 3GPP/ISMA, RTSP, PSIA, SNMP, QoS (DSCP), ONVIF (Profile S)	
Wireless LAN		IEEE 802.11 b/g/n	
Antenna Type		External	
Security		WEP, WPA-PSK(TKIP), WPA-PSK(AES), WPA2-PSK(TKIP), WPA2-PSK(AES)	

Mechanical			
Temperature Detector		Yes	
Connectors	Power	2-pin terminal block, PoE	
	Ethernet	RJ-45	
	Audio	1 In (Using the built-in microphone or externally connecting a microphone) 1 Out (Stereo phone jack, 3.5 mm / 0.14 in)	
	Digital I/O	3-pin terminal block, pitch 2.5 mm / 0.1 in	
	Auto Iris	Not functional	
	Local Storage	Micro SD card slot (SD/SDHC, SD version 2.0 only, Class 10) ***SDXC** and **UHS-I** card types are not supported.	
	TV-Out	BNC connector (640 x 480 resolution)	

Connectors	Mini USB	GV-WiFi Adapter or USB hard drive
LED Indicator		2 LEDs: Power, Status

General	
Operating Temperature	0 °C ~ 50 °C / 32 °F ~ 122 °F
Humidity	10% to 90% (no condensation)
Power Source	12V DC / PoE
Max. Power Consumption	9.5W
Dimensions (L X W X H)	75.5 x75 x 54 mm / 2.97'' x 2.95'' x 2.13'' (without lens)
Weight	300 g / 0.66 lb
Regulatory	CE, FCC, C-Tick, RoHS compliant

Power over Ethernet	
PoE Standard	IEEE 802.3af Class 3 Power over Ethernet / PD
PoE Power Supply Type	End-Span
PoE Power Output	Per Port 48V DC, 350mA. Max. 15.4 watts

Web Interface	
Installation Management	Web-based configuration
Maintenance	Firmware upgrade through Web Browser or Utility
Access from Web Browser	Camera Live View, Video Recording, Change Video Quality, Bandwidth Control, Image Snapshot, Digital I/O control, Audio, Picture in Picture, Picture and Picture, Privacy Mask, Visual Automation, Tampering Alarm, Text Overlay, Digital PTZ
Language	Arabic / Bulgarian / Czech / Danish / Dutch / English / Finnish / French / German / Greek / Hebrew / Hungarian / Indonesian / Italian /Japanese / Lithuanian / Norwegian / Persian / Polish / Portuguese / Romanian / Russian / Serbian / Simplified Chinese / Slovakian / Slovenian / Spanish / Swedish / Thai / Traditional Chinese / Turkish

Applications	
Network Storage	GV-NVR, GV-System, GV-Backup Center, GV-Recording Server
Smart Device Access	GV-Eye for Android smartphone, tablet, iPhone, and iPod Touch GV-Eye HD for iPad
Live Viewing	IE, mobile phone
CMS Server support	GV-Control Center, GV-Center V2, GV-VSM

Note:

1. The signal range and data throughput may vary depending on the network conditions and environmental factors.
2. Mind the following limitations and requirements for the mini USB port:
   - The USB hard drive must be of 2.5'' or 3.5'', version 2.0 or above
   - The USB hard drive's storage capacity must not exceed 2TB
   - USB flash drives and USB hubs are not supported
   - External power supply is required for the USB hard drive
3. Specifications are subject to change without notice.

Packing List

1. Box Camera
2. Terminal Block
3. Fixed Focal or Varifocal Megapixel Lens
4. Six Lens Rings
5. Video Out Wire
6. Camera Holder
7. GV-IPCAM H.264 Quick Start Guide
8. GV-IPCAM H.264 Software CD
9. GV-NVR Quick Start Guide
10. GV-NVR Software DVD

Accessories

Name		Details
GV-IR LED T2		Weight: 140 g / 0.31 lbs Dimensions (H x W x D): 49 x 47 x 67 mm / 1.93 x 1.85 x 2.64 in
GV-PA191 PoE Adapter		Weight: 130 g / 0.29 lb Dimensions (H x W x D): 43 x 69 x 40 mm / 1.69 x 2.72 x 1.57 in

Name	Details
GV-Relay V2	The GV-Relay V2 is designed to expand the voltage load of GV IP devices. It provides 4 relay outputs, and each can be set as normally open (NO) or normally closed (NC) independently as per your requirement.
GV-WiFi Adaptor	Weight: 20 g / 0.04 lb Dimensions (H x W x D): 15 x 15 x 155 (mm) / 0.59 x 0.59 x 6.10 (in) Supplied with mini USB to standard USB adapter.
Power Adapter	Power adapters are available in 4 regions: U.S.A., Australia, U.K and Europe.
GV-POE Switch	The GV-POE Switch is designed to provide power along with network connection for IP devices. The GV-POE Switch is available in various models with different numbers and types of ports.